



# Material Safety Data Sheet

Emergency Telephone (313) 281-0930

D-164

## SECTION I — PRODUCT IDENTIFICATION

		Product	BENTEC
799/6658/6659A	R 2/83	Description	Chemical Mixture — Powdered Chlorinated Laundry Bleach

## SECTION II — HAZARDOUS INGREDIENTS

CAS Number	Chemical Component	%	TLV (Units)	Hazard Data
37-90-1	Trichloro-s-triazinetriene	<25	-	Moderate oral toxicity. Causes burns to eyes and mucous membranes. Irritating to skin.

## SECTION III — PHYSICAL DATA

XX Solid	Liquid	Appearance and Odor	White, granular powder, strong chlorine odor.	
Specific Gravity		68 lbs/ft <sup>3</sup>	pH at 25°C	1% solution - 5.0
Solubility in Water		100%	Freezing Point	NA
Percent Volatiles (by weight)		NA	Phosphorus	None
			Available chlorine 20%	

## SECTION IV — FIRE AND EXPLOSIVE HAZARD DATA

Flash Point (method)	Decomposes upon heating	Flammable Limits	NA	LFL	-	UFL	-
Extinguishing Media	Water fog - flood with water in case of decomposition.						
Special Fire Hazards and Equipment Required	This is an oxidizing material that may release toxic and irritating chlorine and chlorinated organic gases upon heating. Good firefighting practice dictates the use of self-contained breathing apparatus and turn-out gear for fires in area.						

## SECTION V — REACTIVE HAZARDS

Product	Stable Below 200°F	Unstable at >200 °F >98 °C	Hazardous Polymerization	None	Will Not Occur	May occur
Conditions	Store in a cool, dry place. Do not store near a radiator or steam pipes. Keep away from open flames. Avoid contamination with other chemicals or foods.					
Compatibility	Acids, ammonia, oils or organic materials.					
Materials to Avoid						
Hazardous	Chlorine and chlorinated or organic vapors such as methyl-chloride					

## SECTION VI — HEALTH HAZARDS

Solid or concentrated solution can cause moderate to severe eye burns or irritation which may not be reversible.  
Skin irritation may result from prolonged contact.

Causes irritation of membranes of mouth, throat, stomach with pain and possible ulceration.

Dust or vapor causes irritation of nose, throat and lungs.

Threshold Limit Value

Not established.

Principal Routes of Absorption

Oral or direct contact with skin and eyes.

Acute Effects of Overexposure

Irritation with pain and swelling.

Chronic Effects of Overexposure

renal function.

Repeated ingestion of organic fractions may affect

**FIRST AID PROCEDURE—NEVER GIVE FLUIDS OR INDUCE VOMITING IF PATIENT IS UNCONSCIOUS OR HAVING CONVULSIONS. CALL A PHYSICIAN.**

**Eyes** Flush immediately with flowing water for 15 minutes. Get immediate medical attention.

**Skin** Flush with water. Wash with mild soap and water. Consult a doctor if irritation develops. Remove and launder contaminated clothing before reuse.

**Ingestion** If swallowed, drink milk, egg white, starch paste followed by olive oil or water. Do not use acidic antidotes. DO NOT induce vomiting. Get immediate medical attention.

**Inhalation** If inhaled, move to fresh air. If breathing difficulty develops, get medical attention.

## SECTION VII — NORMAL HANDLING PROCEDURES

Precautions to be taken Store in a cool, dry place. Do not store near a radiator.  
Handling and Storage. Keep away from open flames. Avoid contamination with other chemicals. Keep dry. Wear dust mask when transferring large amounts of product.

Protective Equipment

Goggles, safety glasses to prevent contact.

Gloves Rubber or chemical resistant

Other Apron or clothing to prevent skin contact.

Ventilation Requirements

Adequate to control dust when transferring large quantities of powder.

Corrosive Action on Materials Use only in stainless steel commercial laundry machines. Do not use with aluminum, zinc diecast or plastic materials of construction.

## SECTION VIII — SPILL OR LEAK CONTROL PROCEDURES

Steps to be taken in case of Spills. Sweep up powder. Store in a metal waste container. Do not mix with organic or acid waste. Bury in an approved landfill or dissolve in water. Neutralize available chlorine with thiosulfate. Flush to sewer. Rinse affected areas with water.

Waste Disposal Methods Neutralize waste solutions with thiosulfate or mix with waste stream to remove available chlorine. Do not mix with acids. Release to sewer after dilution. Caution: Discharge of available chlorine in solution can be detrimental to waste treatment system.

The above information is believed to be accurate and discloses the known hazards for this product as of this date. No additional warranties are made.

Date \_\_\_\_\_

Signed \_\_\_\_\_

DIVERSEY WYANDOTTE